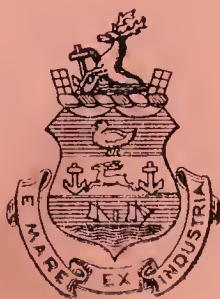


Public Health

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COUNTY BOROUGH OF WEST HARTLEPOOL



ANNUAL REPORT

UPON THE HEALTH OF
WEST HARTLEPOOL

FOR THE YEAR 1949

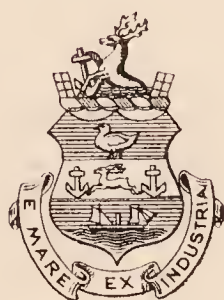


JOHN W. McKEGGIE

M.B., Ch.B., D.P.H.,

MEDICAL OFFICER OF HEALTH
SCHOOL MEDICAL OFFICER

COUNTY BOROUGH OF WEST HARTLEPOOL



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REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1949

PUBLIC HEALTH DEPARTMENT,
VICTORIA ROAD,
WEST HARTLEPOOL.
SEPTEMBER, 1950.

*To the Mayor, Aldermen and Councillors of the
County Borough of West Hartlepool.*

I have the honour to present my twentieth Annual Report on the health and sanitary circumstances of the County Borough of West Hartlepool.

In the course of the preparation of this report, the half century tempted me to look back on two periods, one the beginning of the century and the other twenty years back when I started as your Medical Officer of Health. Dr. Morrison is launching forth in 1900 on Typhoid Fever and commending the Borough Engineer for his excellent suggestion for removing refuse and night soil in receptacles straight to the new Destructor, and there being replaced by fresh disinfected ones, instead of the old appalling method, in the hands of contractors, who could not cope efficiently with the job, of tipping everything on to the street, front or back, to be swept up into carts and thus removed, accompanied by clouds of dust and indescribable smells.

He was then worried, indeed as we are to-day, by Infantile Diarrhoea, and says "Food is closely concerned in the prevalence of Diarrhoea owing to its being contaminated with some substance which of itself is an efficient cause of the malady. . . . That it is a germ which causes it cannot be denied." He points out that the proximity of food and milk in pantries to the abominable privy middens and "street collections" is a very fruitful source of Diarrhoea. He follows this with rules for consumptive patients and those looking after them, advice to parents upon the diet and management of Infants and rigorous instruction for the prevention of the spread of Infectious Disease and dire penalties which may befall delinquents.

Needless to say, at that time the Infantile Mortality Rate was over 190 per thousand births with Typhoid and Scarlet Fever extremely prevalent.

Dr. Lilico at a later date, 1929—in his last report as Medical Officer of Health, is still worried by outbreaks of Typhoid Fever and Infantile Mortality. He expects periodic visits of the former, and points out that the latter figure, very high for that year—115, is liable to swing about, and during his period of office, moved in the region of 100—75, to be followed next year by the first record of 53 in the history of the Borough, with no special credit to either of us, he being responsible for half of the work during 1930.

Another of his worries was hospital accommodation for Infectious Disease, to be remedied within the next year or so after he left, but do we now need Infectious Disease hospitals as such? Diphtheria was taking a large toll then and he was urging an immunisation campaign.

In reading the names of Councillors, one notes that family tradition in Local Government service still plays its part, and in my period of office, some stalwarts of the then Health Committee are still serving on the Council, the former as a matter of pride, to-day the latter as a matter of political opinion.

In studying the advice given throughout the years by the various Medical Officers of Health, one thing stands out to day, that progress, although slow, painstaking and often neglected, does somehow or other take place, and these reports, warnings and advice given, although they appear dry as dust and are seldom read, do eventually get home, even if only by sheer repetition. It causes me to look back and wonder what I have urged, whether it will ever be noticed, and what I would urge at the present time.

There have been drastic changes in the Public Health sphere of activities; curative medicine has gone completely from the ordinary Medical Officer of Health, and it has been replaced by social medicine, the influence of the actual surroundings of the people, whether home or work, on their health and well-being, the prevention of illness, the after care of illness and rehabilitation, both physically and mentally, the removal of all vestige of poor law, the care of children, the care of the homeless and the aged, convalescent homes and so forth.

We are surrounded and guided by all sorts of specialists:—Physiotherapists, Speech Therapists, Psychiatric workers, Chiropodists, Care Committees, Nursery Schools, Family Planning and Marriage Guidance Councils, etc., etc., but there still remains the home, with its normal decency, religion, wise parenthood and many happy marriages, and no better contribution to the health and social welfare of the people can be conceived than the provision of decent homes and decent working

conditions for the people. The outcry is for more houses, and it must be answered somehow, for here lies the solution to so many of our present-day vexations :—ill-health, Tuberculosis, mental upset, unhappy marriages, child delinquencies, etc.

The annual statistical figures are on the whole satisfactory and bear well with the past I have quoted. Your Infantile Mortality rate is the lowest ever achieved during my term of office, ranging mostly between 75 and 50 and these last years between 50 and 25. Let us hope in the near future the figure will be within the group of 25 to 0.

Measles has been prevalent with no fatalities ; Scarlet Fever has been mild ; Diphtheria the same, with only seven actual cases recorded out of the nine notified, with no deaths ; Typhoid was entirely absent ; Pneumonia is still on the down grade but Cancer and Heart Diseases claim most of the deaths. Can we reach out to these in Public Health ? Research will show, and given the staff and time, new fields are opening along this line for the enthusiastic Public Health worker, for growths and heart troubles do not arise spontaneously in the hospital or sick bed at home, but may be the product of strain, both physical and mental, at home or at work, or may be the result of some other factor or condition for which we must seek.

I wish to thank the members of the Committee for their help and consideration, and all who have worked alongside me, fellow officials and staff, who have helped me to make Public Health a hobby more than a labour.

I remain,

Your Medical Officer of Health,

J. W. McKEGGIE.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (Square miles)	..	..	..	..	..	..	6.98
Population (Census 1931)	..	..	..	..	..	..	68,134
Population (Registrar-General's Estimate 1949)	..	..	..	..	..	..	72,350
(The calculations in this report are based on the latter figures).							
Number of Inhabited Houses on 31st December, 1949							
according to the Rate Books	..	..	..	..	..	..	20,098
Rateable Value (1st April, 1949)	..	..	..	..	..	..	£413,594
Sum represented by a Penny Rate (31st March, 1949)	..	..	..	..	..	..	£1,615
Birth Rate	..	..	..	..	..	..	20.76
Death Rate	..	..	..	..	..	..	12.13
Infantile Mortality Rate	..	..	..	..	..	..	42

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	Total	Male	Female	
Live Births—				Birth Rate per 1,000 of the estimated resident population—20.76.
Legitimate	.. 1420	.. 729	.. 691	
Illegitimate	.. 82	.. 46	.. 36	

Stillbirths 34. Rate per 1,000 total population—0.47.

Deaths 878. Death Rate per 1,000 of the estimated resident population—
 12.13

Deaths from puerperal causes—

From sepsis	..	..	0
From other causes	..	..	2
			—
Total	..	..	2
			—

Death Rate of Infants under one year of age :—

All infants per 1,000 live births—

Legitimate 38.6. Illegitimate 3.3 Total 41.9.

Deaths from Cancer	..	..	..	..	..	127
Deaths from Measles (all ages)	..	..	..	..	..	—
Deaths from Whooping Cough (all ages)	..	..	..	..	..	—
Deaths from Diarrhoea (under two years)	..	..	..	..	..	8

HEALTH COMMITTEE.

1949/50.

COUNCILLOR MRS. BREWARD—*Chairman*
 COUNCILLOR PROCTOR—*Vice-Chairman* (Resigned 18/9/49).
 COUNCILLOR T. BREWARD—*Vice-Chairman* (Appointed 19/9/49).
 ALDERMAN MIDDLETON
 ALDERMAN WILLIAMS.
 ALDERMAN HOGG
 ALDERMAN RELTON
 COUNCILLOR BJORKEROTH.
 COUNCILLOR COWARD.
 COUNCILLOR DYER.
 COUNCILLOR EVERETT.
 COUNCILLOR GROVES.
 COUNCILLOR HAND.
 COUNCILLOR McCANN.
 COUNCILLOR SODEN-BIRD. (Resigned 18/9/49).
 DR. RISHWORTH.
 DR. MUIR.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

PUBLIC HEALTH STAFF.

Medical Officer of Health, School Medical Officer, etc.—

J. W. McKEGGIE, M.B., CH.B., D.P.H.

Assistant Medical Officers of Health—

JEAN FLOYD FARQUHAR, M.B., CH.B., D.P.H.

S. HYMAN, B.A., M.B., B.CH., B.A.O., D.P.H.

M. H. WATERS, B.A., M.B., B.CH., B.A.O., C.P.H. Resigned 31/3/49.

Ophthalmia Surgeon (Part-time)—

F. S. HUBBERSTY, M.R.C.S., L.R.C.P., F.R.C.S.

Aural Specialist—

R. M. MARSHALL, M.B., CH.B., F.R.C.S. Resigned 15/7/49.

L. V. ARUNDEL, F.R.C.S.

School Dentists—

MISS M. I. MANLEY, L.D.S.—(Senior Dental Officer).

A. G. WILDGOOSE, L.D.S.

Chief Sanitary Inspector and Inspector under Food and Drugs Acts—

H. V. ROBINSON, M.S.I.A.

Deputy Chief Sanitary Inspector—

J. C. LIGHTFOOT, M.R.S.I., M.S.I.A.

Sanitary Inspectors and Inspectors under Food and Drugs Acts—

J. F. EDWARDS, M.S.I.A.

A. J. BELL, M.S.I.A.

J. W. GREEN, M.S.I.A. Commenced 1/1/49.

G. S. SELF, M.S.I.A. Commenced 11/2/49.

Student Sanitary Inspectors—

E. H. BARNETT

W. T. STEVENSON

R. H. GILBERTSON

G. WHITE Recommenced 28/12/49 ex-Military Service.

Health Visitors—

MISS A. G. TODD (Gen. & Fever Tr., Cert. Midwife, H.V. Cert).

Resigned 31/8/49.

MISS A. S. BAGSHAW (Gen. Trained, Cert. Midwife, H.V. Cert).

MISS E. PEACOCK (" " " ")

MISS A. FIELDS (" " " ")

MRS. C. E. HENDERSON (" " " ")

MISS A. STOBART (" " " ")

Resigned 25/11/49.

MISS K. HOULTON (" " " ")

Commenced 7/3/49.

Home Nurses—

MISS E. COULSON

MRS. E. COOPER

MRS. E. HUGILL

MRS. I. HESLOP

Nurse Almoner—

MRS. S. LAMBERT (Gen. Trained).

Home Help Organiser—

MISS A. STOTT

Matron, Victoria Road Day Nursery—

MRS. V. RALPH, S.R.N.

Matron, Hazelhurst Hostel—

MISS H. PICKERING

School Nurses—

MISS E. WITTEN (Gen. Trained, Reg. Sick Children's Nurse).
 MISS O. MAVIN, S.R.N., R.S.C.N.
 MISS I. S. HIND, S.R.N., S.C.M.
 MISS M. P. LOWERY, S.R.N.

Duly Authorised Officers—

Lay Administrative Officer—

W. P. YUILL

Assistant Lay Administrative Officer—

W. E. SIMPSON

Clerks—

C. W. SMITH (<i>Senior Clerk</i>)	
W. H. INGHAM	
W. USHER	
MISS L. JARROLD (<i>Senior Clerk/Typist</i>)	
MRS. C. PALMER	Resigned 28/1/49.
MISS M. MACKIN	
MISS J. KINGSTON	
MISS S. MEASOR	
MRS. M. ANDERSON	Commenced 21/3/49.
MRS. I. SWANSON	
MISS F. WHITFIELD	
MISS E. SNELLING	
MISS P. RICHARDSON	
MISS C. RANDALL	

Public Analyst (part-time)—

C. J. H. STOCK, B.Sc., F.I.C.

Rodent Officer—

R. ATKINSON

Rodent Officer's Assistant—

H. HENNING

Disinfectors—

T. HODGSON
 A. BOWER

Municipal Midwives—

MRS. B. PHILLIPS	No. 67935	
MRS. E. GALLOWAY	No. 93510	
MRS. M. BRAND	No. 98274	
MRS. K. F. GALLIMORE	No. 90631	
MRS. O. KAY	No. 67863	
MRS. A. MYERS	No. 74779	
MRS. W. PICKERING	No. 74763	
MRS. L. R. WALKER	No. 104224	
MRS. J. TURNBULL	No. 76151	(Practising under Order made by Ministry of Health Emergency Powers Defence Act, 1939).
MISS I. L. ROBERTSON	No. 95014	
MISS D. BROWN	No. 117674	
MISS N. MILNE	No. 118712	Commenced

1/9/49.

Ambulance Officer—

J. ATKINSON

LEGISLATION IN FORCE.

LIST OF LOCAL ACTS, ADOPTIVE ACTS, BYELAWS AND LOCAL REGULATIONS RELATING TO PUBLIC HEALTH.

LOCAL ACTS :—

West Hartlepool Extension and Improvement Act, 1870.

West Hartlepool Corporation Act, 1931.

BYELAWS AND REGULATIONS :—

Public Market, 1892 ; Sea Banks, 1905 ; Sanitary Conveniences, 1909 ; Offensive Trades, 1917 ; Public Abattoir, 1917 ; Employment of Children, 1920 and 1934 ; Good Rule (Nuisances) 1920 ; Tents, Vans, Sheds, etc. 1921 ; Houses-let-in-lodgings, 1922 ; Fouling of Footways by Dogs, 1930 ; Noisy Organs and Musical Instruments, 1931 ; Slaughter Houses, 1931 and 1935 ; Removal of House Refuse, 1934 ; Removal of Offensive Matter, 1934 ; Litter, 1934 ; Common Lodging Houses, 1934 ; Public Abattoir Regulations, 1935.

ADOPTIVE ACTS :—

Infectious Disease (Notification) Act, 1889 ; Infectious Disease, (Prevention) Act, 1890 ; Public Health Acts, Amendment Act, 1890 as amended by Public Health Act, 1936 ; Notification of Births Act, 1907 ; Public Health Acts Amendment Act, 1907 as amended by the Public Health Act, 1936 (with the exception of Sections 17, 21, 30, 31, 32, 80, 85 and 91) ; Public Health Act, 1925 as amended by the Public Health Act, 1936 ; Health Resorts and Watering Places Act, 1921.

STATUTORY LEGISLATION :—

Public Health Act, 1936

Housing Acts, 1936—1949

Food and Drugs Act, 1938

Factories Act, 1937

National Health Service Act, 1946

and Regulations made
under these Acts.

MATERNITY AND CHILD WELFARE.

(BY DR. J. F. FARQUHAR).

CLINICS.

The first thing that one remarks in examining the figures for the Welfare Clinics is the drop in numbers under all headings compared with last year. This is due to the reorganisation of the clinics with a view to improving them and giving the babies more individual attention. A transition stage is always difficult, but time, which always gives an answer, will show that it has been the right thing to do.

This year has again been free of any grievous epidemic, and the health of the mothers and infants is satisfactory.

There are still a number of infants sleeping with their parents—a dangerous practice which we advise against.

There is still not enough breast feeding or persevering with it when begun. One can no longer now look to the older generation of mothers to set a good example here, as often enough one finds it is the granny who, on the first suggestion of difficulty with breast feeding, advises putting the baby on the bottle. One would emphasise here too, that even for a baby earmarked for adoption, a short period of natural feeding is better than none at all, and it is good teaching for the mother.

The shortage of Health Visitors, like the poor, remains always with us. This year we have had two orphan districts in the town which have to be cared for in turn by the Health Visitors as well as their own. Obviously only the most urgent and necessary work can be covered by them in these circumstances.

In conclusion, one's thanks are due to Health Visitors and clerks, who have done so much to help in this work throughout the year.

ANTE-NATAL CLINIC.

The Ante-Natal Clinic has continued this year with one session in place of two per week. The attendance picked up somewhat after the shock it received by the introduction of the Health Act, in 1948.

The physique of the women remains at a good average, no-one with bony deformities and only a few with a complication of any seriousness. They are generally in good spirits and one is struck by the fact that only those who have suffered "bad times" at previous confinements show any real fear or apprehension at what may be before them. The knowledge that so much expert help is readily obtainable and that relief from pain is there at hand in the form of gas and air, etc., brought to the house for them does give them confidence.

The Midwives are to be thanked for the conscientious running of the clinic.

CLINICS AND TREATMENT CENTRES.

The following tables show the nature of the work done at the Clinics and the conditions found :—

ANTE-NATAL AND INFANT WELFARE CENTRES.

Centre	Total No. of children attending Centre	Total attend- ances	No. of children who made first attend- ances	No. of visits made by these children	No. of children who attended in previous years	No. of visits made by these children	No. of new attenders under one year	No. of new attenders between 1—5	Ante- natal atten- ders
Mill House ..	—	209	—	—	—	—	—	—	110
Dale Street ..	518	8099	286	2916	232	5183	271	15	—
St. Luke's ..	471	6956	219	2442	252	4514	208	11	—
Oxford Street	542	8549	272	3364	270	5185	264	8	—
St. Matthew's	349	7042	184	2326	165	4716	171	13	—
Burbank St.	396	5436	204	2171	192	3265	198	6	—
Seaton Carew	111	1750	65	905	46	845	65	—	—
Totals ..	2387	38041	1230	14124	1157	23708	1177	53	110

METHODS OF FEEDING (FIRST ATTENDERS)

Method	ALL CENTRES		
	Regular Hours	Irregular Hours	Total
Natural (Breast)	624	—	624
Artificial (various)	439	—	439
Combined (natural and artificial) ..	114	—	114
Breast feeding over 1 year of age ..	—	—	—
Children over 1 year—various diets ..	47	—	47
Totals	1224	—	1224

During the year the sales of dried milk or allied substances at the Centres amounted to £2,522 9s. 0d.

DEFECTS FOUND IN INFANTS ATTENDING CENTRES

	Dale Street	Seaton	Oxford Street	St. Matthew's	Burbank Street	St. Luke's	Total
Anaemia	2	—	—	—	—	3	5
Bronchitis	4	—	5	1	5	2	17
Circumcision	—	—	—	21	—	—	21
Conjunctivitis	2	—	—	—	6	—	8
Constipation	6	—	5	5	—	4	20
Dental Defects	—	—	3	—	1	—	4
Diarrhoea	—	—	6	—	12	—	18
Discharging Ears	—	—	—	—	—	2	2
Discharging Eyes	2	—	—	—	—	4	6
Disease of Tonsils and Adenoids	—	—	—	1	3	3	7
Eczema	—	—	—	2	—	—	2
Enteritis	2	—	—	—	—	—	2
Eye Defects	5	—	4	1	—	2	12
Green Stools	—	—	2	2	—	5	9
Impetigo	2	—	—	2	2	2	8
Inguinal Hernia	—	—	3	2	1	—	6
Naevis	4	—	—	—	—	—	4
Nasal Catarrh	1	1	—	—	—	1	3
Otorrhoea	2	—	3	—	2	—	7
Otic Defects	1	—	—	1	—	—	2
Protruding Umbilicus	—	—	6	—	7	—	13
Phimosis	4	5	15	—	12	14	50
Rash	6	—	4	—	—	4	14
Scabies	—	—	2	1	—	—	3
Septic Sores	—	—	—	—	—	1	1
Strabismus	3	1	4	1	1	3	13
Stomatitis	2	—	—	—	—	—	2
Teething	2	—	—	—	—	—	2
Tongue Tie	3	—	2	—	—	—	5
Umbilical Hernia	3	3	—	—	—	2	8
Urticaria	2	—	—	—	1	4	7
Vomiting	—	—	4	—	3	—	7
Worms	2	—	—	—	1	—	3
Other Defects	27	3	14	—	2	18	64
Totals	87	13	82	40	59	74	355

GENERAL HOSPITAL.

The following are details of the maternity cases treated in the General Hospital :—

Number of maternity beds in the institution	..	..	..	22
Number of maternity cases admitted during the year	..	..	..	615
Average duration of stay (days)	..	..	..	10
Number of cases delivered by (a) Midwives	..	..	..	567
(b) Doctors	..	..	..	48
Number of cases in which medical aid was sought by midwives in Emergency	..	..	..	20
Number of cases notified as puerperal pyrexia	..	..	..	—
Number of cases of pemphigus neonatorum	..	..	..	—
Number of infants not entirely breast-fed while in the institution	..	..	..	18
Number of cases notified as ophthalmia neonatorum	..	..	..	—
Number of maternal deaths	..	..	..	1

Cause—

Uraemia, Acute Ischaemic Cortical Necrosis both kidneys.

Number of Infant Deaths—

(a) Stillborn

Causes—

Complicated breech	..	..	..	..	..	4
Prematurity	..	..	..	..	..	3
Macerated Foetus	..	..	..	..	..	2
Anencephalic	..	..	..	..	..	2
Complicated breech, prolonged labour	..	..	..	..	..	1
Uterine Inertia	..	..	..	..	..	1
Atelectasis	..	..	..	..	..	1
Ante-Partum Haemorrhage—Emergency	..	..	..	..	..	1
Premature Ante-Partum Haemorrhage	..	..	..	..	..	1
Prolonged Labour	..	..	..	..	..	1
Fall three days before delivery	..	..	..	..	..	1

— 18

(b) Within 10 days

Causes—

Cerebral Haemorrhage—Precipitate Labour	..	..	..	2
Convulsions—Precipitate Labour	..	..	..	1
Cerebral Haemorrhage—Birth Injury	..	..	..	1

Atelectasis—Mother had Ante-Partum Haemorrhage	1
Congenital Specific	1
Icterus Gravis Neonatorum	1
Cyanotic Attack—Mother had Accidental Haemorrhage	
Albuminuria—Cleft Palate	1
Prematurity	7
Atelectasis	1
	— 16

GRANTULLY MATERNITY HOME.

The following are details of the maternity cases treated in Grantully Maternity Home :—

Number of maternity beds in the institution	21
Number of maternity cases admitted during the year ..	401
Average duration of stay (days)	13
Number of cases delivered by (a) Midwives	228
(b) Doctors	173
Number of cases in which medical aid was sought by midwives	
in emergency	32
Number of cases notified as puerperal pyrexia	4
Number of cases of pemphigus neonatorum	—
Number of infants not entirely breast-fed while in the insti-	
tution	51
Number of cases notified as ophthalmia neonatorum	—
Number of maternal deaths and causes of death	—
Number of Infant deaths :	

(a) Stillborn

Causes—

Macerated Toxaemia	2
Prematurity	2
	— 4

(b) Within 10 days

Causes—

Congenital Heart	1
Convulsions	1
Post Mature ?	1
Prematurity	2
Toxaemia of pregnancy in mother	1
	— 6

I am indebted to the Hartlepool Hospitals Management Committee for their co-operation in supplying the foregoing statistics relating to the General Hospital and Grantully Maternity Home.

MIDWIFERY.

During the year the Municipal Midwives' Scheme functioned satisfactorily and the following table shows the volume of work carried out.

CASES ATTENDED DURING 1949

	AS MIDWIVES	AS MATERNITY NURSES
By Municipal Midwives ..	403	84
By Private Midwives ..	—	—
	—	—
	403	84
	—	—

Some of the Municipal Midwives were engaged periodically in carrying out relief duties at Grantully Maternity Home during periods of staff shortage.

MIDWIVES' ACTS, 1902—1936.

CONDITIONS FOR WHICH DOCTORS WERE SUMMONED
IN AN EMERGENCY BY MIDWIVES.

PREGNANCY—			PUERPERIUM—		
Ante-partum haemorrhage	3		Retained membrane ..	2	
Albumen in urine ..	1				
Illness of Mother	6				
Ruptured membrane ..	1				
Incomplete abortion ..	1				
	—				
	12			2	
	—			—	
LABOUR—			INFANTS—		
Prolonged and difficult labour	1		Discharging Eyes ..	1	
Ruptured perineum ..	26		Feebleness	1	
Lacerated perineum ..	2		Jaundice	1	
			Cyanosis	1	
			Spina Bifida	1	
	—			—	
	29			5	
	—			—	

CARE OF UNMARRIED MOTHERS.

19 Unmarried Mothers were assisted during the year. Of these 5 girls went into Moral Welfare Mother and Baby Homes ; 11 were admitted to local hospitals for confinement ; 2 remained at home and 1 girl left the district and went to live with relatives.

1 girl received assistance from the Local Authority towards her expenses in a Mother and Baby Home at Gateshead.

HEALTH VISITING.

Owing to the inability to obtain the services of suitably qualified Health Visitors, the work under this section of the National Health Service Act, 1946 has been carried out by a skeleton staff. As will be seen from the following figures, the volume of work has been fairly well maintained during the year, although it is regretted that, owing to the shortage of staff, the proposed increase in the number of Maternity and Child Welfare Centres has had to be held in abeyance.

MATERNITY AND CHILD WELFARE—

Visits to children under one year of age—	Primary visits	..	..	1721
	Secondary visits	..	..	5654
Visits to children between the ages of 1 and 5 years	..	..	..	11063
Visits to expectant mothers—	Primary visits	..	..	383
	Secondary visits	..	..	298
Visits to cases of ophthalmia neonatorum	Primary visits	..	..	13

HEALTH WORK—

Visits to cases of pneumonia—	Primary visits	..	..	..	70
Visits to cases of puerperal fever and pyrexia—	primary visits	..	..	..	1
Visits to cases of scarlet fever	..	..	..	..	—
Visits to cases of measles	..	..	..	..	378
Visits to boarded-out children	..	..	..	..	—
Visits to cases of Whooping Cough	..	..	..	..	141
Visits to cases of Chicken Pox	..	..	..	..	3
Special enquiries—Housing, Surveys, etc.	..	..	..	..	290

NURSING—

Visits to cases of pneumonia	..	..	..	..	..	—
Visits to cases of ophthalmia neonatorum	..	..	..	..	..	—
Visits to cases of puerperal fever and pyrexia	..	..	..	..	..	—
Visits to cases of discharging eyes	..	..	..	..	..	5

CLINIC—

Sessions at—	Maternity and Child Welfare Centres	..	..	..	499
	Ante-Natal Clinic	..	..	..	—
	Dental (Maternity and Child Welfare)	..	..	..	—

SCHOOL WORK—

Visits to School with School Medical Officer..	—
--	----	----	----	---

HOME NURSING.

There are 4 Home Nurses engaged in this service which is operated in accordance with Section 25 of the National Health Service Act, 1946.

The area of the County Borough is suitably divided into 4 districts, so that each Home Nurse is responsible for dealing with cases in her own particular district.

The following table shows the total number of cases attended by the Home Nurses during the year, together with an analysis of the types of case visited and the age group distribution.

Number of Home Nurses	No. of cases attended	No. of visits made to cases shown in Col. 2
(1)	(2)	(3)
4	327	9529

AGE GROUP DISTRIBUTION OF CASES.

0	—	5	18
5	—	15	4
15	—	45	49
45	—	65	89
65	—	75	69
75 and up			98

Total	327
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CASES ANALYSED ACCORDING TO DISEASE OR CONDITION.

Disease or Condition	No. of Cases	Disease or Condition	No. of Cases
Abscess	9	<i>Brought forward</i> ..	174
Accidents	4	Heart Disease	27
Anaemia	1	Kidney Disease	7
Amputations	4	Mastoid	1
Arthritis	10	Obstruction	8
Bladder Diseases ..	7	Paralysis	8
Bronchitis	5	Pneumonia	6
Burns	6	Post Operation Dressing ..	12
Carcinoma	22	Pre X-ray	8
Cerebral Haemorrhage ..	6	Rheumatism	4
Colostomy	6	Senility	24
Constipation	55	Septicaemia	2
Diabetes	4	Skin Diseases	5
Female Diseases	27	Stroke	9
Fractures	3	Thread Worm	9
Gangrene	5	Tuberculosis	9
		Ulcer (All parts)	14
<i>Carried forward</i>	174	<i>Total</i>	327

VACCINATION.

The table below indicates the number of vaccinations and re-vaccinations carried out during the year.

	Under 1	1 to 4	5 to 14	15 or over	Total
Vaccination	148	81	7	16	252
Re-Vaccination	2	3	5	42	52
Totals	150	84	12	58	304

DIPHTHERIA IMMUNISATION.

Immunisation against diphtheria has been well maintained during the year under review, as is shown by the figures in the following table :—

Age at 31/12/49	Under 1	1	2	3	4	5 to 9	10 to 14	Total Under 15
Born in year ..	1949	1948	1947	1946	1945	1940-44	1935-39	
No. of Children Immunised ..	25	435	330	183	119	794	420	2306

HOME HELPS.

During the year help was supplied to some extent in 544 cases, and the average number of helps employed was 50, most of whom were engaged full-time.

Approximately half the number of cases involved old people and help was given in every case where a doctor recommended that a home help was essential.

Maternity cases were given full-time help, where required, for a period of two weeks.

AMBULANCE FACILITIES.

The Ambulance Service comprises 4 Ambulances and a Sitting-Case Car, and the depot is manned by a staff of 19 male and female drivers and attendants.

In the table which follows, the number of cases dealt with during the year is divided into monthly totals, showing the types of case conveyed and the mileage covered. Out of Borough cases are shown separately.

	CASES WITHIN THE COUNTY BOROUGH.										CASES OUTSIDE THE COUNTY BOROUGH.		ALL CASES	
	Admit- tances to Hospital	Dis- charges from Hospital	Convey- ance for Treat- ment	Mater- nity Cases	X-ray Exam- inations	Street Accid- ents etc.	Works Accid- ents etc.	Others	Total Cases	Mileage	Cases	Mileage	Total	Mileage
January ..	149	49	216	43	67	20	25	65	634	2543	26	1529	660	4072
February ..	147	68	250	44	43	20	18	49	639	2621	14	1181	653	3802
March ..	149	66	305	46	57	35	23	50	731	2847	24	965	755	3812
April ..	124	44	202	32	55	25	26	56	564	2054	32	1051	596	3105
May ..	104	56	269	40	58	24	24	54	629	2562	34	1855	663	4417
June ..	101	29	283	32	68	29	24	74	640	2419	25	1195	665	3614
July ..	109	29	308	28	55	37	21	70	657	2493	25	1057	682	3550
August ..	110	33	219	40	58	37	24	56	577	2323	35	1192	612	3515
September	91	22	313	45	42	28	15	80	636	2876	34	1436	670	4312
October ..	126	41	370	49	52	25	32	80	775	2961	20	882	795	3843
November	153	40	288	49	59	18	28	55	690	2774	37	2132	727	4906
December	161	35	233	55	66	33	28	57	668	2372	33	1836	701	4208
Totals ..	1524	512	3256	503	680	331	288	746	7840	30845	339	16311	8179	47156

TUBERCULOSIS REPORT.

(BY DR. J. B. ROBINSON).

The year under review is the first since the Regional Boards' taking over of the diagnostic and therapeutic side of tuberculosis ; the Dispensary and Hospital have now become available to outside areas, and few only of the usual statistics are strictly relevant to the County Borough.

The problem in West Hartlepool and all over the country is that of dealing with the reservoirs of infection, and protecting the susceptible individual. Hospital beds are needed for isolating the worst cases ; many cases now sputum positive could be converted to sputum negative were more facilities available for treatment ; overcrowding must be overcome. The use of B.C.G. vaccine will help in protecting the young, but since temporary isolation is indicated during its administration, the technical difficulties are enormous. The recent awareness of the " crisis " in tuberculosis is of good augury and it is hoped that it will lead to a realistic attitude in dealing with this scourge.

During the year the increasing use of the drug P.A.S. and of streptomycin, particularly a combination of both, has had encouraging results and it is probably true to say that a larger proportion of the cases on the Register are now on the way to recovery.

In the matter of after-care and prevention, our present staff of Health Visitors have been grossly over-worked and this town requires a minimum of 3 full-time Tuberculosis Health Visitors.

The Council have been most helpful in the matter of re-housing suitable cases, but there are obviously many more such than there are houses available.

1.	No. of T.B. cases on Register on 1st January, 1949	..	415
2.	No of cases treated from other areas, and cases returned after discharge under heading 3 in previous years	..	2
3.	No. of patients treated from other areas, cases not desiring further assistance under the scheme and cases " lost sight of "	.. .. .	4
4.	Cases written off during the year as dead (all causes)	..	32
5.	No. of attendances at Dispensary	.. .. .	2051
6.	No. of visits made by Nurses or Health Visitors to homes for Dispensary purposes	.. .. .	2303
7.	No. of visits made by T.B. Officers to homes (including personal consultations)	.. .. .	345

8.	No. of—(a) Specimens of sputum examined	..	..	460
	(b) X-rays examined in connection with Dispensary work	..	..	900
9.	No. of T.B. plus cases on Dispensary Register on 31st December, 1949	..	..	136

LABORATORY WORK.

SPECIMENS EXAMINED.

BACTERIOLOGY :—

C.S.F.	..	12
Pus, etc.	..	54
Sputum	..	530
Stool	..	113
Urine	..	236
Widal	..	38

HAEMATOTOLOGY :—

Blood Count	..	71
„ E.S.R.	..	48
„ Group	..	35
„ Rh	..	54

BIOCHEMISTRY :—

Glucose Tolerance Tests	..	3
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The Laboratory work in connection with the examination of specimens has passed to the Department of Pathology at the General Hospital, to whom we are indebted for the foregoing information.

WELFARE.

There was insufficient time in 1948 in the remaining months after the vesting date of the new legislation to give any indication as to how the new services would operate. Considering in particular the decision of the Council to integrate Welfare with Health, there was no evidence, in the light of the newness of the services, to give a clear picture of the result of the integration. However, in the year under review, people became more familiar with the services available and the volume of work grew considerably.

Whilst admitting that the amalgamation of Health and Welfare has resulted in a reasonably good working arrangement—some hold to the view that the Welfare Services and Health Services are indivisible—one factor which emerges from the year's work under this integration is the growing impact upon the number of administrative staff concerned and their inadequacy to deal fully with the multitudinous matters which arise under the various services.

PART III ACCOMMODATION.

During the year the Council negotiated for the purchase of three properties for the provision of residential accommodation for aged persons. Eventually it was decided that no further action would be taken with regard to one of the properties—Hollymount, as the Children Committee were considering its acquisition as a Children's Nursery. The two remaining properties, Briarfields, Elwick Road and Dinsdale Lodge, Seaton Carew, were considered suitable for the Council's requirements and negotiations for their purchase and adaptation are proceeding.

PERSONS IN PART III ACCOMMODATION ON THE NIGHT OF THE 31ST DECEMBER, 1949.

The number of persons in residential accommodation under the above Act, on 31st December, 1949, were as follows :—

		MEN	WOMEN	CHILDREN
(a)	Howbeck Hostel ..	62	10	5
(b)	Hazelhurst ..	—	15	—
Totals ..		62	25	5

SECTION 47 NATIONAL ASSISTANCE ACT, 1948.

There were no cases occurring under this section in the year under review. However, from the point of view of urgency, it was decided by the Council that powers be delegated to the Welfare Committee to take any action which might be considered necessary in any future cases which might occur.

MENTAL HEALTH.

The Mental Health Sub-Committee of the Health Committee, which is composed of seven members and three co-opted members, meets once a month.

Staff employed in the Mental Health Service is as follows :— The Medical Officer of Health and two Assistant Medical Officers ; two Administrative Officers who are also Duly Authorised Officers and a male clerk ; the Children's Officer who carries out the duties of a visitor for the female cases under supervision.

Supervision of patients on licence is carried out in conjunction with Miss Crosse of Prudhoe and Monkton Hospital.

Lunacy and Mental Treatment work has grown considerably since the latter part of 1948, and there has been a marked willingness to make use of the service for voluntary admissions. Twice in the year Winterton Mental Hospital had to refuse mental cases until the position eased. Apart from this trend, however, the occurrence of mental ill-health is still regarded as some kind of stigma on a family, and in practically every case relatives require long and detailed explanations and careful assurances of the service.

Admission to a Mental Hospital as a voluntary or certified patient is in practically every case merely a sequel to hours of painstaking work with the patient and his family in co-operation with the Doctor and the Area Psychiatrist.

The placing of Mental Defectives in institutions is becoming an increasingly difficult problem in view of the acute shortage of places in suitable hospitals. The position locally is constantly being brought to the attention of the Regional Hospital Board, as petitions for orders under the Mental Deficiency Acts cannot be presented until the Board has notified me of vacancies.

Details of patients awaiting vacancies are contained in the latter part of this report.

NATIONAL ASSOCIATION FOR MENTAL HEALTH.

The Council decided to make use of the above Association to co-ordinate the Welfare and After-Care work in connection with patients discharged from Mental Hospitals. A useful service has been established based upon the co-operation between the Association's Regional representative and my Duly Authorised Officers. Quarterly reports are received from the Association on the number of cases which have been dealt with and the number of visits and consultations made.

OCCUPATION CENTRE.

The establishment of an Occupation Centre in West Hartlepool is still the main desire of the Committee and the Borough Architect has been asked to submit alternative schemes for the establishment of a building in Brenda Road to accommodate thirty-five persons.

LUNACY AND MENTAL TREATMENT ACTS, 1890—1930

	Male	Female	Total
Admissions to mental hospitals—			
(i) Voluntary	14	11	25
(ii) Temporary	1	1	2
(iii) Certified	9	21	30
Totals ..	24	33	57

MENTAL DEFICIENCY ACTS, 1913—1938

	Male	Female	Total
(i) Under guardianship	—	—	—
(ii) In “ Places of safety ”	3	3	6
(iii) Under statutory supervision ..	22	31	53
(iv) Under voluntary supervision ..	—	—	—
(v) Removed from register during period	2	7	9
(vi) Awaiting accommodation in suitable hospitals including “ Place of Safety ” cases and a number under statutory supervision	7	3	10

MENTAL DEFECTIVES ASCERTAINED BETWEEN
1st JANUARY AND 31st DECEMBER, 1949

	Male	Female	Total
1. Ascertainment—			
(i) Cases reported by local education authority under Section 57 (3) ..	1	1	2
(ii) Cases reported by local education authority under Section 57 (5) ..	—	—	—
Other cases reported and ascertained to be “ subject to be dealt with ” ..	5	1	6
Other cases reported who are not at present “ subject to be dealt with ” but for whom the local health authority may subsequently become liable	—	—	—
Total number of cases reported ..	6	2	8
2. Disposal of cases reported—			
(i) Admission to Institutions ..	2	—	2
(ii) Placed under guardianship	—	—	—
(iii) Taken to “ places of safety ” ..	—	1	1
(iv) Placed under statutory supervision	4	1	5
(v) Died or removed from area ..	—	—	—
(vi) Action not yet taken	—	—	—
(vii) Placed under voluntary supervision	—	—	—
Totals ..	6	2	8

ANNUAL REPORT

(BY MR. H. V. ROBINSON).

ATMOSPHERIC POLLUTION.

During the year a Standing Committee was formed consisting of representatives of all the Local Authorities in the Teesside Area, to consider whether any practical steps could be taken to minimise atmospheric pollution caused by smoke, grit and fumes.

It was agreed to request all Authorities in the Area to install one or more standard Dust Gauges to obtain information as to the nature and amount of impurities falling, and it was also agreed that a uniform method of analysis be adopted so that comparison could readily be made between one area and another.

West Hartlepool have ordered one Dust Gauge, and it is proposed to site it in the grounds of the Gray Art Gallery. This site is not in proximity to heavy industrial works, and should give an idea of the average deposit in the Town Centre.

The Standing Committee will from time to time make representations to the constituent Authorities on measures recommended to alleviate atmospheric pollution.

It has been stated that about half the impurities in the atmosphere are caused by the domestic chimney due to the incomplete combustion of the tarry matter in coal.

No doubt the open coal fire will die hard, but in a densely populated country like ours, the effects of this pollution cannot be disregarded. There are now on the market considerably improved domestic appliances of the open fire type, burning non-bituminous fuel, smokeless in operation, and making available twice the heat of an ordinary coal fire.

COMMON LODGING HOUSES.

As will be seen from the pages of this report, there are now only three registered common lodging houses in the Borough, accommodating 39 lodgers in 14 bedrooms. At one time we had eleven such houses accommodating 247 lodgers.

In the course of a few years, the three remaining lodging houses will be demolished, as they are situate in the Central Re-development Area. Some years ago the Council agreed in principle to the erection of a Municipal Lodging House, and I believe a site was earmarked in Whitby Street for the purpose.

Since that time, social changes have taken place, and we have not now the vagrant type of lodger ; nevertheless, there still seems to be a need for a Municipal Lodging House.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

The water supply to the area is in the hands of a private Company, who derive the supply from deep wells. The water is not treated or filtered except that the water is chlorinated.

The supply is abundant for present needs and of satisfactory quality, although very hard.

Every house has a piped supply, direct from the main, but in many of the older houses, the water tap is placed in the open yard.

Seventeen samples taken for chemical microscopical and bacteriological examinations have proved to be satisfactory.

The following is a typical analysis of the local supply :—

	PARTS PER 100,000			
Chlorine as Chlorides	13·1500
Nitrogen as Nitrates	·1303
Ammonia	·0038
Albuminoid Ammonia	·0029
Oxygen Absorption	·0468
Injurious Metals	None
Total solid matter dried at 100°C.		87·0000
pH value of Sample	7·2
Temporary Hardness	..	25·4	Degrees	
Permanent Hardness	..	19·9	Degrees	
Colour of sample on Hazen Scale		1
Appearance of Sample in 2 foot tube		Clear
Odour when heated to 50°C.	None.

MICROSCOPICAL EXAMINATION.

Satisfactory.

BACTERIOLOGICAL EXAMINATION.

Number of colonies on Nutrient Agar

@ 37°C. after 72 hours 0 per ml.

Number of colonies on Nutrient Agar

@ 20-22°C. after 72 hours 1 in 2 ml.

Presumptive B. Coli Test at 37°C. after

72 hours Negative in 100 ml.

Clostridium Welchii Test @ 45°C. in

40 ml. Negative

OBSERVATIONS.

The sample is of a high order of organic purity and it is of good and wholesome quality for human consumption.

HOUSING.

The number of inhabited houses in the Borough at the end of 1949 was 20,098, with a population of 72,350. This gives a figure of 3·6 persons per house.

During 1949, 56 houses were built by private enterprise and 221 houses were built by the Corporation.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR :—

(1) (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) 	852
(b)	Number of inspections made for the purpose ..	6769
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 	26
(b)	Number of inspections made for the purpose ..	130
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 	2
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	721

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :—

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers 	485
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :—

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936—

(1)	Number of dwelling houses in respect of which notices were served requiring repairs 	24
(2)	Number of dwelling houses which were rendered fit after service of formal notices :—	
(a)	By Owners 	18
(b)	By local authority in default of owners	6

B. Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	228
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By Owners	222
(b) By local authority in default of owners	6

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936—

(1) Number of dwelling houses in respect of which Demolition Orders were made	12
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	10

D. Proceedings under Section 12 of the Housing Act, 1936—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	1

4. HOUSING ACT, 1936, PART IV, OVERCROWDING :—

(a) (i) Number of dwellings overcrowded at the end of the year	553
(ii) Number of families dwelling therein ..	606
(iii) Number of persons dwelling therein ..	3767
(b) Number of new cases of overcrowding reported during the year	39
(c) (i) Number of cases of overcrowding relieved during the year	99
(ii) Number of persons concerned in such cases	719
(d) Cases in which dwelling houses have again become overcrowded after the Local Authority has taken steps for the abatement of overcrowding	—

RATS AND MICE (DESTRUCTION) ACT, 1919.

INFESTATION ORDER S.R. & O. No. 680.

The Corporation employ two full-time Rodent Operators to deal with cases notified by the public, and to make inspections to find cases not so notified.

The procedure adopted with regard to baiting and poisons used is that laid down by the Ministry of Food.

During the year 312 visits have been made to lay pre-baits and 122 visits to lay poison baits.

The Borough Engineer's staff have also laid poison baits in the sewers at manhole points.

The cost of rat extermination in private houses is borne equally by the Ministry of Agriculture and the Local Authority. The cost of rat extermination in business premises is the liability of the occupier.

SANITARY INSPECTION OF THE DISTRICT.

Inspections were made as follows :—

5066 Visits under the Public Health Acts.

1703 Visits under the Housing Acts.

289 Visits under the Factories Acts.

767 Visits under the Food & Drugs Acts.

2 Visits under Shops Act.

185 Visits under the Milk & Dairies Regulations.

252 Visits to fish, fruit and meatshops (unregistered premises).

763 Visits to the Abattoir.

47 Visits to Places of Entertainment.

22 Visits to Offensive Trades.

36 Visits to Common lodging houses.

1 Visit to House-let-in-lodgings.

134 Visits to Cases of infectious diseases.

88 Visits to Sheds and Caravans.

1740 Complaints attended to.

33 Drains examined.

13 Drains tested.

414 Complaints re Rats attended to.

312 Visits re Rats to lay pre-baits.

122 Visits re Rats to lay poison baits.

951 Visits re Rats other than above.

744 Intimation notices served.

236 Statutory notices served.

SANITARY DEFECTS DISCOVERED AND DEALT WITH BY THE SERVICE OF
INFORMAL OR STATUTORY NOTICES :—

Defective drain	1
Stopped drains and water closets	241
Defective yard pavements	25
Defective spouts and fallpipes	309
Defective roofs	237
Defective brickwork	152
Defective water closets	151
Defective rainwater pumps, wells, etc.	90
Defective water taps, pipes, etc.	61
Defective floors	143
Defective wall and ceiling plaster	148
Defective doors	152
Defective windows	139
Defective setpots	48
Defective kitchen ranges	135
Defective sub-floor ventilation	12
Damp walls	39
No water supply provided	5
New dustbins required	127
Defective or absent ash closet doors	5
Dirty dwellings	9
Factories not kept in clean condition	12
Hot and cold water supply not provided (Food and Drugs Act)	5
Fish Shops requiring re-decorating and ranges cleaning	7
Offensive accumulation of manure and refuse	11
Offensive accumulation of water	1
Dirty Pig styes	5
No suitable soak away and drainage to pig styes and yard areas	3
Other nuisances and defects	124
	<hr/> <hr/> 2397 <hr/> <hr/>

COMMON LODGING HOUSES.

SITUATION	Registered Number of Lodgers	Number of Rooms
18 Rokeby Street	13	6
2 Edward Street	15	4
26 George Street	11	4
Totals	39	14

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS
OR REGULATIONS.

							Number
Marine Stores	..	..	..	..	..	..	6
Gut Scrapers	..	..	..	..	..	..	1
Tripe Boilers	..	..	..	..	..	..	3
Bone Boilers	..	..	..	..	..	..	1
Common Lodging Houses		..	..	..	..	..	3
Registered Houses-let-in-lodgings		..	..	..	..	..	10
Slaughter House	..	..	..	..	..	..	1
Dairies	..	..	..	..	..	..	11
Shops Registered for Sale of Designated Milk :—							
Tuberculin Tested		..	..	..	..	..	14
Pasteurised	..	..	..	..	..	..	28
Sterilised	..	..	..	..	..	..	54

REGISTERED PREMISES USED IN CONNECTION WITH THE
MANUFACTURE OF ICE-CREAM AND FOOD.

							Number of premises
Ice-Cream	..	..	..	..	..	..	137
Cooked Meats, etc.	..	..	..	..	..	..	92
Cooked fish	..	..	..	..	..	..	60

MILK AND DAIRIES ACTS AND ORDERS.
MILK (SPECIAL DESIGNATION) ORDERS, 1949.

No. of samples taken for examination				Source	Result	Action taken
For presence of tubercle bacilli	For Methylene Blue Test	For Coli-form Test	For Phosphatase Test			
12	—	—	—	Local Supply	10 Negative 1 Inconclusive 1 Positive	Nil. Re-sampled — satisfactory. Responsible authority notified, animal slaughtered.
44	—	—	—	Supply from outside borough	41 Negative 2 Inconclusive 1 Positive	Nil. Re-sampled — satisfactory. Responsible authority notified, animal slaughtered.
—	23	—	—	Local Supply	20 Satisfactory 3 Unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	54	—	—	Supply from outside borough	39 Satisfactory 15 Unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	—	12	—	Local Supply	9 Satisfactory 3 Unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	—	35	—	Supply from outside borough	23 Satisfactory 12 Unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	—	—	12	Local Supply	11 Satisfactory 1 Unsatisfactory	Nil. Manufacturer notified.
—	—	—	24	Supply from outside borough	24 Satisfactory	Nil.

BACTERIOLOGICAL EXAMINATION OF
ICE CREAM, 1949.

TOTAL SAMPLES	GRADE 1	GRADE 2	GRADE 3	GRADE 4
40	22	7	4	7
100%	55%	17.5%	10%	17.5%

APPENDICES

1 to 27

APPENDIX 1.

BIRTHS.

	West H'pool.	WARDS								Transfers	
		North	West	Park	S.W.	S.E.	Cent'l.	N.E.	Seaton	IN	OUT
No. of Births	1502	257	120	106	234	156	191	165	247	73	47
Percentage of total births	..	17.1	8.0	7.0	15.6	10.4	12.7	11.0	16.4	4.9	3.1

BIRTH RATES.

YEAR	WEST HARTLEPOOL		ENGLAND & WALES BIRTH RATE
	No. of Births	Birth Rate	
1949	1,502	20.76	16.7

NATURAL INCREASE OF POPULATION.

The natural increase of population was 624.

Rate of natural increase per 1,000 population 8.6.

APPENDIX 2.—THE DEATHS AS THEY OCCURRED IN THE WARDS.

CAUSE OF DEATH	Total Deaths	WARDS								Trans-ferable deaths
		North	West	Park	So. West	So. East	Central	N. East	Seaton	
Enteric Fever	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal fever ..	2	—	—	—	—	—	—	1	—	1
Scarlet Fever	1	—	—	1	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—
Tuberculosis (Respiratory)	39	9	2	1	9	4	3	5	5	1
Other Tuberculosis Diseases	6	2	2	—	—	1	—	—	1	—
Syphilitic Diseases ..	8	—	—	2	—	2	1	2	1	—
Influenza	3	1	—	—	—	—	—	—	1	1
Measles	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica ..	1	—	—	—	—	—	—	1	—	—
Polioencephalitis	1	—	—	—	—	1	—	—	—	—
Cancer	127	9	15	13	16	10	8	15	25	16
Diabetes	5	1	—	1	1	1	—	—	1	—
Heart Disease	278	47	38	43	34	12	30	24	42	8
Other Diseases of the Circu- latory System	39	8	3	5	7	2	2	4	5	3
Bronchitis	48	8	4	8	3	4	8	6	6	1
Pneumonia	33	5	2	5	2	8	3	4	2	2
Other respiratory Diseases	22	1	3	4	1	2	2	—	4	5
Ulcer of the stomach and duodenum	12	1	1	1	1	1	—	—	4	3
Diarrhoea (under 2 yrs.)	8	1	—	—	1	1	2	3	—	—
Appendicitis	1	—	1	—	—	—	—	—	—	—
Other digestive Diseases	10	1	2	—	4	—	1	1	—	1
Nephritis	18	3	2	2	3	1	2	2	1	2
Puerperal Sepsis	—	—	—	—	—	—	—	—	—	—
Other Maternal causes ..	2	—	—	—	1	—	—	—	—	1
Congenital Debility and Premature Births ..	35	2	2	1	7	4	7	1	5	6
Suicide	10	—	—	—	3	1	1	3	2	—
Other violent causes (Including Road Traffic accidents)	19	2	3	1	2	1	1	3	2	4
All other causes	150	20	18	18	18	12	14	19	23	8
TOTAL DEATHS ..	878	121	98	106	113	68	85	94	130	63

APPENDIX 3—TABLE SHOWING CAUSES OF, AND AGES AT DEATH.

Cause of Death	All ages	Age Groups									Deaths in Institutions	Increase or Decrease with 1948
		Under 1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 and up		
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	Same
Cerebro-spinal Fever ..	2	—	2	—	—	—	—	—	—	—	2	Same
Scarlet Fever	1	—	—	—	1	—	—	—	—	—	—	+ 1
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	— 1
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	Same
Tuberculosis (Respiratory)	39	1	—	—	—	6	18	12	2	—	21	— 3
Other Tuberculosis Diseases	6	—	1	2	—	—	—	2	1	—	5	— 6
Syphilitic Diseases ..	8	3	—	—	—	—	1	2	2	—	7	+ 3
Influenza	3	—	—	—	—	—	—	1	2	—	—	+ 3
Measles	—	—	—	—	—	—	—	—	—	—	—	— 1
Encephalitis Lethargica	1	—	—	—	—	—	—	1	—	—	1	— 1
Polioencephalitis ..	1	—	—	—	—	—	1	—	—	—	—	+ 1
Cancer	127	—	—	—	—	—	10	56	39	22	67	—19
Diabetes	5	—	—	—	—	—	—	—	3	2	3	Same
Heart Disease	278	—	—	—	—	—	13	59	83	123	84	+44
Other Diseases of the Circulatory System ..	39	—	—	—	—	1	1	11	12	14	10	+21
Bronchitis	48	1	—	—	—	—	3	20	8	16	14	+10
Pneumonia	33	10	1	1	—	—	3	2	6	10	11	—12
Other Respiratory Diseases	22	—	—	—	—	1	4	11	3	3	8	+ 4
Ulcer of the stomach and duodenum	12	—	—	—	—	—	1	6	4	1	11	+ 1
Diarrhoea (under 2 yrs.)	8	8	—	—	—	—	—	—	—	—	6	— 3
Appendicitis	1	—	—	—	—	—	—	1	—	—	1	Same
Other digestive Diseases	10	—	—	1	—	—	1	3	3	2	7	— 9
Nephritis	18	—	—	—	—	—	2	5	7	4	7	— 1
Puerperal Sepsis	—	—	—	—	—	—	—	—	—	—	—	— 1
Other Maternal Causes	2	—	—	—	—	—	2	—	—	—	2	+ 1
Congenital Debility and Premature Birth	35	33	—	—	1	—	1	—	—	—	24	— 1
Suicide	10	—	—	—	—	1	1	6	2	—	2	+ 8
Other violent causes (including Road Traffic Accidents) ..	19	3	—	3	1	4	1	4	—	3	9	—18
All other causes ..	150	4	—	3	2	—	5	30	40	66	69	+20
TOTALS.. ..	878	63	4	10	5	13	68	232	217	266	371	+41

APPENDIX 4. WEEKLY RETURN OF DEATHS FROM CHEST DISEASES.

Disease	1st Jan.	8th Jan.	15th Jan.	22nd Jan.	29th Jan.	5th Feb.	12th Feb.	19th Feb.	26th Feb.	5th Mar.	12th Mar.	19th Mar.	26th Mar.	2nd Apl.	9th Apl.	16th Apl.	23rd Apl.	30th Apr.	7th May	14th May	21st May	28th May
Influenza ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—
Phthisis ..	—	—	—	1	1	—	1	4	3	1	—	—	2	3	1	1	1	1	—	2	—	1
Bronchitis ..	—	1	1	4	2	3	1	1	1	2	2	1	—	—	—	2	1	—	1	—	—	—
Pneumonia ..	—	1	1	—	1	1	2	1	2	—	—	1	—	—	—	2	2	—	—	—	—	—
Heart Disease ..	2	9	8	6	5	5	7	7	9	5	4	6	8	10	7	4	7	5	3	4	8	8
Other Respiratory Disease ..	—	—	—	—	1	1	—	—	—	—	—	—	—	2	—	—	—	—	1	1	—	1
TOTALS ..	2	11	10	11	10	10	11	13	15	8	6	8	10	15	8	9	12	7	5	7	8	10

Disease	4th June	11th June	18th June	25th June	2nd July	9th July	16th July	23rd July	30th July	6th Aug.	13th Aug.	20th Aug.	27th Aug.	3rd Sept.	10th Sept.	17th Sept.	24th Sept.	1st Oct.	8th Oct.	15th Oct.	22nd Oct.	29th Oct.
Influenza ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phthisis ..	1	—	1	—	1	—	—	1	2	—	—	1	—	1	—	1	—	1	—	—	1	2
Bronchitis ..	—	—	1	1	2	1	1	—	—	—	—	1	1	1	—	1	—	—	—	1	—	1
Pneumonia ..	1	1	1	1	—	1	—	—	—	—	—	1	2	—	1	1	2	—	—	1	—	—
Heart Disease ..	5	6	5	8	5	4	2	5	3	1	2	2	2	4	3	5	8	3	5	3	1	4
Other Respiratory Disease ..	—	1	—	—	2	—	1	—	—	1	—	1	—	—	1	1	1	1	—	—	—	—
TOTALS ..	8	8	8	10	10	6	4	6	5	2	2	6	5	6	5	9	11	5	5	5	2	7

Disease	5th Nov.	12th Nov.	19th Nov.	26th Nov.	3rd Dec.	10th Dec.	17th Dec.	24th Dec.	31st Dec.	Total
Influenza ..	—	—	—	—	—	—	—	—	—	3
Phthisis ..	—	—	1	1	1	—	—	—	—	39
Bronchitis ..	2	1	2	2	2	—	2	1	1	48
Pneumonia ..	—	1	—	1	—	1	—	1	2	33
Heart Disease ..	4	5	12	9	5	1	10	3	6	278
Other Respiratory Disease ..	—	—	1	1	—	1	1	1	—	22
TOTALS ..	6	7	16	14	8	3	13	6	9	423

APPENDIX 5. DEATHS.

	West Hartle- pool	N.	W.	P.	S.W.	S.E.	C.	N.E.	S.	Trans- ferable Deaths
No. of deaths	878	121	98	106	113	68	85	94	130	63
Percentage of Total Deaths		13·8	11·1	12·1	12·9	7·7	9·7	10·7	14·8	7·2

APPENDIX 6. TRANSFERABLE DEATHS.

DEATHS OCCURRING IN :—	MALES	FEMALES	TOTAL
Hartlepoons Hospital, Hartlepool	12	17	29
Royal Victoria Infirmary, Newcastle-on-Tyne	2	1	3
Newcastle Gen. Hospital, Newcastle-on-Tyne	1	2	3
Stockton & Thornaby Hospital, Stockton/Tees	2	—	2
Emergency Hospital, Shotley Bridge ..	3	—	3
Other Hospitals.. .. .	8	5	13
Other Areas	5	5	10
Totals ..	33	30	63

APPENDIX 7. DEATH RATES.

YEAR	WEST HARTLEPOOL		ENGLAND & WALES
	No. of Deaths	Death Rate	
1949	878	12·13	11·7

APPENDIX 8. CANCER DEATHS.

Year	No. of Cancer Deaths	Males	Females	Death Rate	Deaths from all causes	Percentage of total deaths
1949	127	64	63	1·75	878	14·46

APPENDIX 9.

CANCER DEATHS—PARTS OF BODY AFFECTED.

Parts affected	Age Sex	Under 35		35 to 45		45 to 55		55 to 65		65 to 75		Over 75		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Peritoneum, Intestine and Rectum ..		—	—	2	—	1	1	3	7	5	3	3	2	14	13
Stomach, Liver, etc. ..		—	—	1	1	2	2	5	2	5	3	2	2	15	10
Genito-Urinary Organs		—	1	—	1	1	4	2	4	2	4	1	1	6	15
Breast		—	1	—	—	—	3	—	3	—	5	—	2	—	14
Other Glands		—	—	—	—	—	—	—	—	1	1	2	—	3	1
Respiratory System ..		—	1	2	—	4	1	5	—	5	2	1	2	17	6
Mouth		—	—	—	—	1	—	1	—	—	1	1	—	3	1
Bones		—	—	—	—	—	—	1	—	—	2	—	—	1	2
Other Parts		—	—	—	—	—	—	3	—	—	—	2	1	5	1
Totals ..		—	3	5	2	9	11	20	16	18	21	12	10	64	63

The deaths were ascribed to :—

No. of deaths

Carcinoma	97
Sarcoma	3
Epithelioma	3
Cancer (No classification) ..	24
	—
	127
	—

APPENDIX 10. INFANTILE MORTALITY RATE.

Year	West Hartlepool			England & Wales Rate
	Births	Deaths	Rate	
1949	1502	63	42	32

APPENDIX 11.

INFANT MORTALITY IN THE WARDS.

CAUSE OF DEATH	North	West	Park	So. West	So. East	Cen- tral	N. East	Sea- ton	Trans- ferable	Total
Tuberculosis (Respiratory)	—	—	—	—	—	1	—	—	—	1
Syphilitic Disease	—	—	1	—	—	—	2	—	—	3
Bronchitis	—	—	—	—	—	1	—	—	—	1
Pneumonia	2	—	1	1	3	2	—	—	1	10
Congenital Debility ..	—	—	—	—	—	—	—	—	1	1
Congenital Heart Disease	—	—	—	—	—	1	—	—	—	1
Premature Birth	2	1	1	4	—	2	1	1	2	14
Diarrhoea	1	—	—	1	1	2	3	—	—	8
Convulsions	—	2	—	—	—	1	—	—	—	3
Marasmus	—	—	—	2	1	—	—	—	—	3
Atelectasis	—	—	—	1	2	—	—	2	—	5
Accidents	—	1	—	1	—	—	1	—	—	3
All other causes	—	1	—	—	1	3	1	2	2	10
Totals ..	5	5	3	10	8	13	8	5	6	63

APPENDIX 12.
INFANT MORTALITY DURING THE YEAR.
Deaths from stated causes at various ages under 1 year of age.

CAUSE OF DEATH	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1 month & under 3 months	3—6 months	6—9 months	9—12 months	Total deaths under 1 year	Deaths in Inst- itutions
Tuberculosis (Respiratory)	..	—	—	—	—	—	—	—	1	1	1
Syphilitic Disease	..	2	—	—	2	1	—	—	—	3	3
Bronchitis	..	—	—	—	—	1	—	—	—	1	1
Pneumonia	..	2	—	—	2	2	4	2	—	10	5
Congenital Heart Disease	..	—	—	—	—	1	—	—	—	1	—
Congenital Debility	..	1	—	—	1	—	—	—	—	1	1
Premature Birth	..	—	1	—	13	1	—	—	—	14	9
Diarrhoea	..	—	2	—	2	5	—	1	—	8	6
Convulsions	..	—	—	—	3	—	—	—	—	3	2
Marasmus	..	—	—	—	—	1	2	—	—	3	2
Atelectasis	..	—	—	—	5	—	—	—	—	5	3
Accidents	..	1	—	—	1	2	—	—	—	3	—
All other causes	..	1	—	—	8	1	1	—	—	10	8
Total all causes	..	29	5	3	37	15	7	3	1	63	41
Certified	..	29	4	3	36	15	6	3	1	61	41
Uncertified	..	—	1	—	1	—	1	—	—	2	—

APPENDIX 13.

BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY
1949.

	England & Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns estimated resident popula- tion 25,000 to 50,000 Census 1931	London Administrative County	West Hartlepool
E PER 1,000					
AL POPULATION					
Births	16·7	18·7	18·00	18·5	20·76
Births	0·39	0·47	0·40	0·37	0·47
UAL DEATH RATE					
1,000 TOTAL					
ULATION					
Causes	11·7	12·5	11·6	12·2	12·13
Choid and					
typhoid	0·00	0·00	0·00	0·00	0·00
oping Cough ..	0·01	0·02	0·01	0·01	0·00
nteria	0·00	0·00	0·00	0·00	0·00
erculosis	0·45	0·52	0·42	0·52	0·62
uenza	0·15	0·15	0·14	0·11	0·04
te Poliomyelitis					
nd Polioencephalitis	0·01	0·02	0·02	0·01	0·01
umonia	0·51	0·56	0·49	0·59	0·45
E PER 1,000					
E BIRTHS					
rrhoea and Enteritis					
ler 2 years of age)	3·0	3·8	2·4	1·7	5·32
ul deaths under 1					
ear of age	32	37	30	29	42

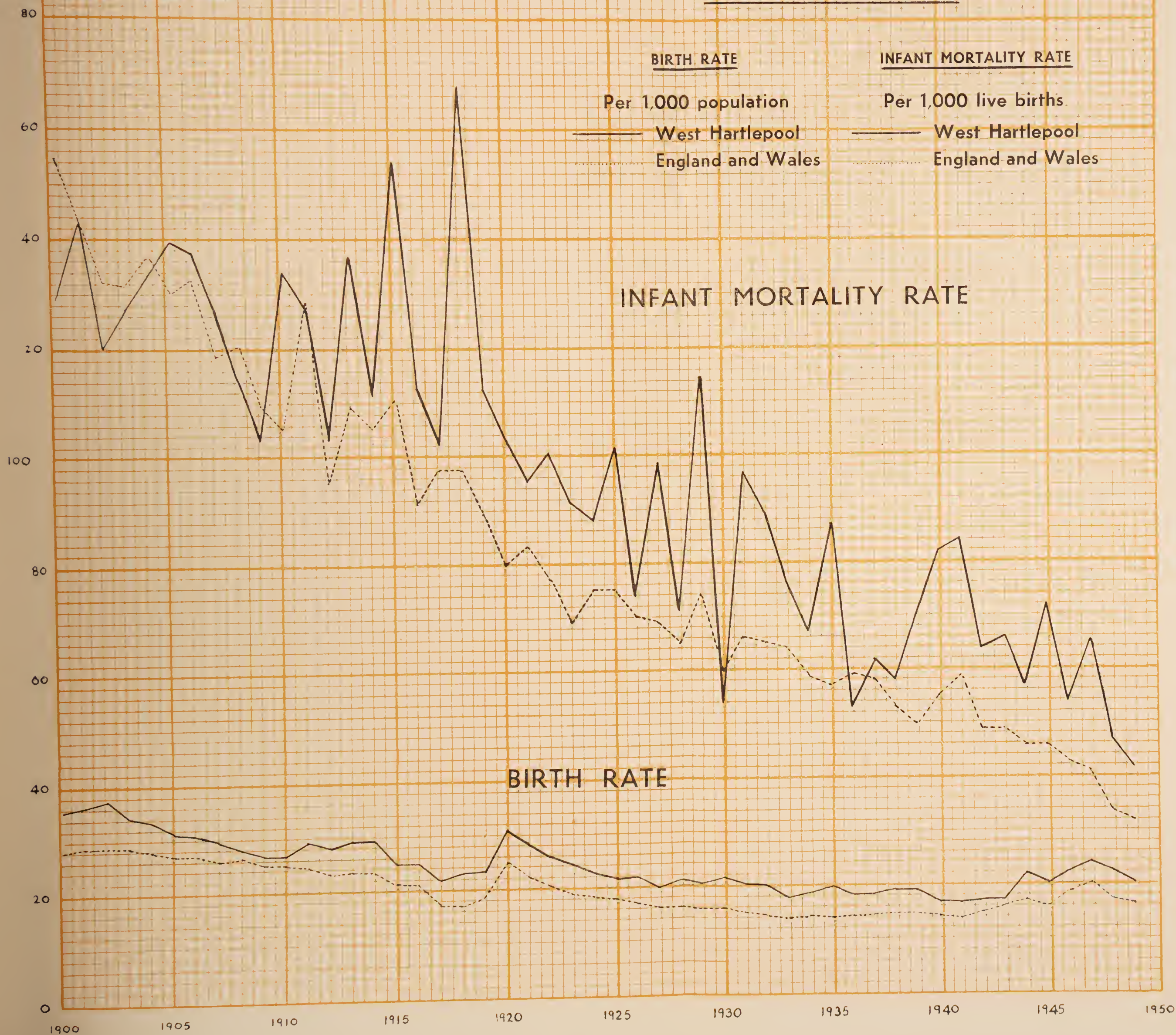
APPENDIX 14.

TABLE SHOWING BIRTHS, DEATHS, INFANTILE MORTALITY
AND INFECTIOUS DISEASE IN THE WARDS.

WARDS	BIRTHS		DEATHS		INFANTILE MORTALITY		INFECTIOUS DISEASE	
	No.	Rate per 1,000 total population	No.	Rate per 1,000 total population	No. of deaths	Rate per 1,000 total live births	No. of cases	Percentage of total
North ..	257	3.55	121	1.67	5	3.3	148	13.5
West ..	120	1.65	98	1.35	5	3.3	97	8.9
Park ..	106	1.46	106	1.46	3	2.0	128	11.7
South West ..	234	3.23	113	1.56	10	6.7	171	15.6
South East ..	156	2.15	68	0.94	8	5.3	130	11.9
Central ..	191	2.64	85	1.17	13	8.7	69	6.3
North East ..	165	2.28	94	1.29	8	5.3	93	8.5
Seaton ..	247	3.41	130	1.79	5	3.3	259	23.6

200

COMPARABLE RATES FOR BIRTHS AND INFANT
MORTALITY BETWEEN WEST HARTLEPOOL AND
ENGLAND AND WALES



APPENDIX 16. PUBLIC ABATTOIR.

Animals Slaughtered at Abattoir.

YEAR	BEASTS	SHEEP	CALVES	PIGS	TOTAL
1940	3891	18953	185	4216	27245
1941	2315	12857	179	1742	17093
1942	3028	14348	69	102	17547
1943	2340	12774	38	123	15275
1944	2852	11481	37	114	14484
1945	2899	12002	20	132	15053
1946	3526	14617	634	22	18799
1947	3278	10336	43	10	13667
1948	2947	9867	2424	44	15282
1949	3407	11631	2082	99	17219

Year	Total Cattle slaughtered (including calves)	Number affected with Tuber- culosis	Percentage affected	Total number of pigs slaughtered	Number affected with Tuber- culosis	Percentage affected
1940	4076	148	3·72	4216	64	1·51
1941	2494	138	5·57	1742	36	2·06
1942	3097	135	4·45	102	2	1·96
1943	2378	124	5·25	123	2	1·62
1944	2889	102	3·57	114	—	—
1945	2919	154	5·31	132	3	2·27
1946	4160	225	6·38	22	—	—
1947	3321	417	12·55	10	1	10·00
1948	5371	461	8·58	44	4	9·09
1949	5489	826	15·05	99	11	11·11

APPENDIX 16—continued

CARCASSES INSPECTED AND CONDEMNED.

	Cattle including Cows	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	3407	—	—	2082	11631	99
Number inspected ..	3407	—	—	2082	11631	99
TUBERCULOSIS :—						
Whole carcasses condemned	—	23	9	4	—	1
Carcasses of which some part or organ was condemned	—	654	136	—	—	10
Percentage	24·12	—	—	·19	—	11·11
OTHER DISEASE :—						
Whole carcasses condemned	—	5	3	9	10	—
Carcasses of which some part or organ was condemned	—	1722	326	4	3508	9
Percentage	60·34	—	—	·62	30·24	·909

APPENDIX 17.

FOOD SURRENDERED AND DESTROYED.

643	tins of Meat.
681	tins of Milk.
1993	tins of Vegetables, Fruit, Fish and Soup.
113	lbs. of Deep Frying Fat.
39 $\frac{3}{4}$	lbs. of Unsalted Margarine.
12	lbs. of Margarine.
62 $\frac{3}{4}$	lbs. Butter.
47 $\frac{3}{4}$	lbs. of Bacon.
96 $\frac{1}{2}$	lbs. of Preserves.
213	lbs. of Flour.
1	lb. of Semolina.
181	lbs. of Cheese.
177	lbs. Biscuits.
28	lbs. of Custard Powder.
1	lb. of White Pepper.
336 $\frac{3}{4}$	lbs. of Sausage.
30	lbs. of Currants.
1 $\frac{1}{2}$	lbs. of Sugar.
7 $\frac{1}{4}$	lbs. of Black Pudding.
140	lbs. of Ground Rice.
453	lbs. of Beef.
106	lbs. of Rabbits.
6 $\frac{1}{2}$	lbs. of Polony.
12	lbs. of Brisket Beef.
12 $\frac{1}{2}$	lbs. of Brawn.
4 $\frac{1}{2}$	lbs. of Walnuts.
22 $\frac{3}{4}$	lbs. of Sweets.
72 $\frac{1}{2}$	lbs. of Cake.
6	cwt. of Mussels.
11	loaves of Bread.
834	Bread Buns.
404	Pikelets and Crumpets.
372	Iced Buns and Turnovers.
26	Ginger Cakes.
19	Chocolate Rolls.
1440	Chocolate Dainties.
22	Meat Pies.
3	Polish Chickens.
297	Sponge Puddings.
229	bottles of Sauce.
76	bottles of Salad Cream.
2	bottles of Coffee.
3	jars of Meat Paste.
42	jars of Malted and Chocolate Spread.
89	jars of Pickles, Mustard and Horse Raddish.
3	packets of Dried Eggs.
48	packets of, and 30 lbs. Baking Powder.
1195	packets of Cake and Pudding Mixture.
244	packets of Egg Substitute Powder.
118	packets of Soup.
4	packets of Compressed Hops.
2	packets of Baby Food.
35	packets of Cornflakes and Oats.
2	packets of Pastry Mix.

APPENDIX 18.

SALE OF FOOD AND DRUGS, ACTS—ADULTERATED SAMPLES—ACTION TAKEN.

Article Purchased	Number Analysed	Formal Samples	Informa- Samples	Number Genuine	Number Adulter- ated	No. of Sample	Nature of Adulteration	Remarks and Action Taken
Milk	98	13	85	80	18	266	Below standard in non-fatty solids— Considered as of doubtful quality ..	Formal Sample 291 taken—genuine. Informal sample taken—genuine. Informal samples taken—genuine. Three further samples taken from full consignment of 3 churns— average of analyses well above standard, although one of the samples is slightly below standard in fat. Further samples taken—genuine. Formal Samples 297–8–9 taken. Appeal to Cow samples taken— genuine, but below standard in non- fatty solids Farmer warned. Further sample taken—genuine. Course of Delivery samples 368–373 taken. Samples taken from two churns out of a consignment of six. Other four churns show a high proportion of fat and the average of the six churns is well above standard. Further sample taken—genuine. Course of Delivery samples 374–376 taken. Sample taken from one churn out of a consignment of three. Other two churns show a high proportion of fat and the average of the three churns is well above standard. Further sample taken—genuine. Course of Delivery samples 391–392 taken. Samples 391 and 392 taken in course of delivery, give an average of fat content well above standard. Formal sample 300 taken. Proceedings taken under Meat Prod- ucts Order, 1948, by the Ministry of Food. Fined £10 and Costs £2 12s. 6d. for selling article deficient in Meat. Further sample not taken. Purveyor ceased to deliver in this area. This sample was bought by a house- holder outside this area. Authority concerned notified of Analyst's report for information and necessary action. Sample 438 taken—genuine. Sample 437 taken. Premises changed hands. No action. Sample taken at request of whole- saler. Whole of the stock examined— found to be unfit and destroyed.
						269	Below standard in fat to extent of 3·4%	
						271	Below standard in fat to extent of 5%	
						276	Below standard in fat to extent of 6·7%	
						294	Slightly below standard in fat	
						286	Below standard in non-fatty solids to extent which corresponds to the addition of 5·5% of water	
						298	Below standard in non-fatty solids to extent which corresponds to the addition of 5% of water	
						315	Slightly below standard in fat	
						319	Slightly below standard in fat	
						370	Below standard in fat to extent of 5%	
						371	Below standard in fat to extent of 16·7%	
						361	Slightly below standard in fat	
						362	Below standard in fat to extent of 8·4%	
						376	Below standard in fat to extent of 21%	
						377	Slightly below standard in fat	
						379	Below standard in fat to extent of 11·7%	
						392	Below standard in fat to extent of 3·4%	
Beef Sausage	10	2	8	3	7	281	Deficient in Meat content (25·8%) ..	
						300	Deficient in Meat content (28%) ..	
						307	Deficient in Meat content (7·8%) ..	
						333	Deficient in Meat content (68%) ..	
						433	Deficient in Meat content (14%) ..	
						431	Deficient in Meat content (8%) ..	
						437	Slightly deficient in Meat content (3·8%)	
						442	Unfit for human consumption owing to decomposition	
Tinned Danish Pork	1	—	1	—	1			
Pork Sausage	1	—	1	1	—	—		
Savoury Sausage	1	—	1	1	—	—		
Savoury Duck	1	—	1	1	—	—		
Redskin	1	—	1	1	—	—		
Fish Cakes	1	—	1	1	—	—		
Fish Paste	1	—	1	1	—	—		
Potato Crisps	1	—	1	1	—	—		
Beans in Tomato Sauce	1	—	1	1	—	—		
Sausage Rolls	2	—	2	2	—	—		
Buttered Teacake	1	—	1	1	—	—		
Bread	2	—	2	2	—	—		
Tart	1	—	1	1	—	—		
Rye Crisp Bread	1	—	1	1	—	—		
Sweet Cooking Fat	1	—	1	1	—	—		
Cooking Margarine	1	—	1	1	—	—		
Olive Oil	2	—	2	2	—	—		
Teasead Oil	4	—	4	4	—	—		
Slaboil Mineral Oil	1	—	1	1	—	—		
Petroleum Jelly	1	—	1	1	—	—		
Greasing Oil	2	—	2	2	—	—		
Vegetable Oil Emulsion	1	—	1	1	—	—		
Fat Substitute	1	—	1	1	—	—		
Butter	1	—	1	1	—	—		
Pure Coffee	1	—	1	1	—	—		
Pineapple Syrup	1	—	1	1	—	—		
Fruit Drink	1	—	1	1	—	—		
Ice Cream	18	—	18	18	—	—		
Sago	1	—	1	1	—	—		
Dessert Powders	3	—	3	3	—	—		
Plum Jam	1	—	1	1	—	—		
Flour	1	—	1	1	—	—		
Baking Powder	1	—	1	1	—	—		
Bicarbonate of Soda	1	—	1	1	—	—		
Mustard (Dry)	1	—	1	1	—	—		
Herbs	2	—	2	2	—	—		
Pickles	1	—	1	1	—	—		
Mayonnaise	1	—	1	1	—	—		
Synthetic Cochineal	1	—	1	1	—	—		
Almond Flavouring	2	—	2	2	—	—		
Essence of Anchovies	1	—	1	1	—	—		
Bronchial Mixture	1	—	1	1	—	—		
Aspirin Tablets	1	—	1	1	—	—		
Chlorophyll Tablets	1	—	1	1	—	—		
Sweets	5	—	5	5	—	—		
Soap Substitute Tablets	1	—	1	1	—	—		
Soapless Shampoo	1	—	1	1	—	—		

NOTIFIABLE DISEASES DURING THE YEAR—HOSPITAL CASES

DISEASE						Total cases Notified	No. of such cases treated in hospital	Total Deaths
Scarlet Fever	..	..	..	..	..	72	25	—
Erysipelas	..	..	..	..	..	22	5	—
Diphtheria	..	..	..	..	..	9	9	—
Puerperal Pyrexia and Fever				..	..	5	4	—
Ophthalmia Neonatorum			..	..	..	2	1	—
Measles	..	..	..	..	..	749	9	—
Dysentery	..	..	..	..	..	5	2	—
Pneumonia	..	..	..	..	..	88	9	—
Whooping Cough		..	..	..	..	138	7	—
Typhoid	..	..	..	..	..	—	—	—
Meningitis	..	..	..	..	..	5	5	—
Poliomyelitis	..	..	..	..	..	1	1	—

Disease	Hospital					
	Grantully Mat. Home	Isolation Hospital	General Hospital	Cameron Hospital	H'pools. Hospital	Total
Scarlet Fever ..	—	25	—	2 (b)	—	25
Diphtheria ..	—	9	—	—	—	9
Erysipelas ..	—	5	—	1 (b)	—	5
Puerperal Pyrexia and Fever ..	1 (a)	4	—	—	—	4
Ophth. Neon'm. ..	—	—	1	—	—	1
Measles	—	9	1 (c)	—	—	9
Malaria	—	—	—	—	—	—
Pneumonia ..	—	6	3	—	—	9
Whooping Cough..	—	7	—	—	—	7
Typhoid	—	—	—	—	—	—
Meningitis ..	—	5	—	—	—	5
Paratyphoid ..	—	—	—	—	—	—
Poliomyelitis ..	—	1	—	—	—	1

- (a) one case transferred from the Grantully Mat. Home to Isolation Hospital.
- (b) three cases transferred from the Cameron Hospital to Isolation Hospital
- (c) one case transferred from the General Hospital to Isolation Hospital.

DISEASE	Cases			Vision Impaired	Vision Unimpaired	Total Blindness	Deaths
	Notified	Treated					
		At Home	At Hospital				
Ophthalmia Neonatorum	2	1	1	—	2	—	—

INFECTIOUS DISEASES—AGE GROUPS AND WARD DISTRIBUTION

Disease	At all ages	Cases notified in whole district												Ward distribution of cases						No. of cases treated in Hosp'l.			
		Age un-kn'n	Un-der 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and up	N'th	West	Park	S. West	S. East		Central	N. East	Sea-ton
Poliomyelitis	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Scarlet Fever	72	2	1	1	3	8	9	20	19	2	5	1	1	—	13	8	13	14	1	5	7	11	25
Diphtheria ..	9	1	2	—	1	—	—	2	2	—	1	—	—	—	—	1	1	—	1	2	1	3	9
Erysipelas ..	22	1	—	—	—	—	—	—	2	5	5	4	5	—	4	1	4	2	3	2	—	6	5
Puerperal Pyrexia	5	1	—	—	—	—	—	—	—	—	3.	1	—	—	—	1	—	—	—	2	—	2	4
Ophth. Neonatorum	2	1	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	1
Measles ..	749	2	29	71	124	132	93	291	3	1	2	—	1	—	112	66	94	113	82	38	71	173	9
Dysentery ..	5	—	—	—	—	1	1	1	—	1	1	—	—	—	—	—	1	—	2	—	—	2	2
Pneumonia ..	88	1	4	9	6	3	—	5	2	4	6	11	25	12	7	14	9	16	14	9	7	12	9
Whooping Cough ..	138	—	15	16	21	28	16	37	2	—	3	—	—	—	11	5	6	25	25	9	7	50	7
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis ..	5	1	—	—	—	—	—	1	—	2	—	—	1	—	—	—	—	1	2	2	—	—	5
TOTALS	1096	10	52	97	155	172	119	358	30	15	26	17	33	12	148	97	129	171	130	69	93	259	77

APPENDIX 22.

DEATHS IN HOSPITAL.

		Duration of Stay				
		Less than 24 hours	1—2 days	2—7 days	1—4 weeks	Over 4 weeks
Diphtheria . .	..	—	—	—	—	—
Meningitis	..	1	—	—	—	1
TOTALS	..	1	—	—	—	1

CHANGE OF DIAGNOSIS.

- 1 Enteric Fever diagnosed Enteritis.
- 1 Diphtheria diagnosed Influenza.
- 1 Diphtheria diagnosed Tonsillitis.
- 1 Scarlet Fever diagnosed German Measles.

APPENDIX 23.

ALL NOTIFIED CASES OF TUBERCULOSIS, 1949.

AGE	Lungs			Abdomen			Meninges			Joints			Spine			Other Organs			Disseminated			All Forms		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Under 1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 and under	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	1	1	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	2
10	7	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	—	—
15	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
20	3	7	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	7	10
25	4	3	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	3	7
35	1	7	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	7	8
45	5	2	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	2	8
55	15	5	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16	5	21
65	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	1	5
65 and over	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
TOTALS	40	27	67	—	—	—	—	1	1	—	1	1	—	1	1	2	—	2	—	—	—	42	30	72

APPENDIX 24.

TUBERCULOSIS—NEW CASES AND MORTALITY 1949.

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary		Non-pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 ..	—	—	—	—	1	—	—	—
1 year ..	—	1	—	2	—	—	—	2
5 years ..	7	—	—	—	—	—	—	—
10 years ..	1	1	—	—	—	—	—	—
15 years ..	3	7	—	—	—	4	—	—
20 years ..	4	3	—	—	—	3	—	—
25 years ..	1	7	1	—	3	4	—	—
35 years ..	5	2	—	—	6	4	—	—
45 years ..	15	5	1	—	1	3	1	—
55 years ..	4	1	—	—	3	3	—	1
65 years and up ..	—	—	—	1	2	—	—	1
Not Notified ..	—	—	—	—	3	—	—	—
TOTALS ..	40	27	2	3	19	21	1	4

APPENDIX 25.

DEATHS FROM TUBERCULOSIS.

Intervals between Notification and Deaths.

PERIOD	PARTS AFFECTED					TOTAL
	Lungs	Bones	Meninges	Abdominal	General	
Not Notified ..	10	—	3	—	—	13
1 week ..	1	—	—	—	—	1
4 weeks ..	5	—	—	—	—	5
3 months ..	2	—	—	—	—	2
6 months ..	1	1	—	—	—	2
12 months ..	7	—	—	—	—	7
2 years ..	9	—	1	—	—	10
5 years ..	1	—	—	—	—	1
Over 5 years ..	4	—	—	—	—	4
TOTALS ..	40	1	4	—	—	45

APPENDIX 26.

MIDWIVES ACT, 1902—SECTION 8 (5).

NOTIFICATIONS RECEIVED DURING 1949.

No. on Midwives Roll	Date of Certifi- cate	NAME	Address (All West Hartlepool unless otherwise stated)
DOMICILIARY—MUNICIPAL			
98274	20.2.37	BRAND, Marjorie Hawkins	81 Stockton Road.
117674	17.5.47	BROWN, Doreen	243 York Road.
90631	11.8.34	GALLIMORE, Kathleen F.M.	103 Westbourne Road.
93510	14.8.35	GALLOWAY, Eva	93 Oxford Road.
74779	24.11.28	MYERS, Alice Annie	8 Wynnstay Gardens.
67935	12.12.25	PHILLIPS, Bessie	117 Westbourne Road.
74766	24.11.28	PICKERING, Winifred	26 Grange Road.
95014	8.5.35	ROBERTSON, Isabel L.	2 Chatham Gardens.
104224	19.11.38	WALKER, Lydia R.	8 Bombay Grove, Seaton Carew.
DOMICILIARY—INDEPENDENT			
56187	11.2.02	BATEY, Isabella	24 Bright Street.
INSTITUTIONAL			
78730	16.8.30	CONLON, Martha	Grantully Maternity Home.
110388	13.3.43	IRVING, Helena	" " "
122927	25.3.49	MITCHELL, Lucy	" " "
119379	30.12.47	McANDREW, Margaret	" " "
67928	12.12.25	PEIRSON, Margaret B.	" " "
110530	13.3.43	STIRLING, Mary C.	" " "
72784	27.2.27	HUTCHINSON, Harriet E.	General Hospital.
117503	14.4.47	SALT, Eileen Mary	" "
95715	22.2.36	WHITE, Bertha E.	" "
121057	22.6.48	WILKINSON, Hilda	" "

MIDWIVES PRACTISING UNDER ORDERS MADE BY
WEST HARTLEPOOL CORPORATION UNDER THE DEFENCE
(GENERAL) REGULATIONS, 1939.

76151	25.5.29	TURNBULL Janet Ferguson	34 York Road
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APPENDIX 27.

FACTORY AND WORKSHOP ACT, 1901.
FACTORIES ACT, 1937.

Inspections for Purposes of Provisions as to Health (including Inspections made by Sanitary Inspectors.)

PREMISES (1)	Number on Register (2)	Number of		
		Inspectns. (3)	Written Notices (4)	Prosecutions. (5)
Factories with mechanical power	185	230	9	—
Factories without mechanical power	110	48	7	—
Other Premises under the Act, including works of building and engineering construction but not including outworkers premises	7	11	3	—
TOTAL	302	289	19	—

Defects Found.

PARTICULARS (1)	Number of Defects				No. of cases in respect of which prosec- utions were instituted. (6)
	Found (2)	Remedied (3)	To. H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness	11	11	—	1	—
Overcrowding	—	—	—	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation	1	1	—	—	—
Ineffective draining of floors	—	—	—	—	—
Sanitary Conveniences :—					
(a) Insufficient	3	2	—	3	—
(b) Unsuitable or defective	6	4	—	4	—
(c) Not separate for sexes	1	1	—	—	—
Other offences against the Act (not including offences relating to Outwork)	1	1	—	—	—
TOTALS	23	20	—	8	—